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U. S. DEPARTMENT of AGRICULTURE

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Vol. 5, Nos. 1-2
(Vol. 4, No. 12 not issued)

January-February 1946

NEW BOOKS

DEERING, FERDIE. USDA, Manager of American Agriculture. Norman, Univ. of Oklahoma Press, 1945. 281.12 D36 213 p.

"...The editor of one of the country's leading agricultural magazines, The Farmer-Stockman, gives an objective appraisal of a much maligned department, presents the riddle and the faults of its organization and administration, and reveals the value of many of its basic policies - crop control, soil conservation, parity payments, rural settlement. He also comments, with the experience of one who has seen and studied many previous "reorganizations", on the plans most recently announced by Secretary Anderson."

Good reading, and well written.

FASSETT, NORMAN C. A Manual of Aquatic Plants. New York, McGraw-Hill, 1940. 382 p. 455.2 F26

The full-page illustrations are almost as numerous as the pages of text, which is essentially a set of directions for looking at the pictures. The Appendix contains an extensive list of aquatic plants used by birds and mammals with a cross index under the bird or animal names. The book also contains a list of plants which serve as food, shade, or protection for fish, a glossary, a bibliography and a good index.

FLESCHE, RUDOLF. Marks of Readable Style: a study in adult education. New York, 1943. 69 p. (Teachers College, Columbia University. Contribution to Education, No. 897) 145 F63

Everyone who does any writing will be interested in this frank and clear-cut aid to effective expression.

FRENCH, THOMAS E. A Manual of Engineering Drawing for Students and Draftsmen. 6th ed. rev. & enl. New York, McGraw-Hill, 1941. 622 p.

Chapters on aircraft drawing, jig and fixture drawing, and welding drawing have been added to this edition because of their timeliness. New standards adopted by ASA have been tabulated for easy reference, and there is new material in the text and appendix.

GROSVENOR, GILBERT AND WETMORE, ALEXANDER. The Book of Birds. Washington, D. C., National Geographic Society, 1939. 2 vols.

This is the first complete work ever published which portrays with comprehensive detail and with 950 illustrations in full color all the major species of birds in the United States and Canada. In addition to the color plates and numerous photographs, the text describes the range, breeding habits, behavior, and identifying characteristics of each species of bird.

HONIG, PIETER AND VERDOORN, FRANS, Editors. Science and Scientists in the Netherlands Indies. New York, Surinam and Curacao, Board for the Netherlands Indies, 1945. 491 p.

Fascinating stories of research in natural science done by men of many nations in the Netherlands Indies, travel accounts and impressions of life and nature in the Islands, and biographical sketches comprise the greater part of this volume. Many of the articles are reprinted from other works, such as the descriptions of the Botanic Gardens at Buitzenborg, Climate and Soil, by E. C. J. Mohr, and the reports on the fauna and flora of the Tjibodas Biological Station and Forest Reserve. Some of the contributions are prepared especially for this volume, including that on the geology of the Indies by H. Stauffer and that on agriculture in the Netherlands Indies by P. Honig.

LUTZ, FRANK E. Field Book of Insects of the United States and Canada. 3rd ed. New York, Putnam, 1935. 510 p. 422 L97F

Amateur naturalists will find this standard work a valuable and convenient guide. The introductory section on collecting and preserving insects gives specific information in readable form. Most of the commonly observed species are described in a manner to make recognition easy, and 800 are illustrated.

MACY, ICIE GERTRUDE AND WILLIAMS, HAROLD H. Hidden Hunger. Lancaster, Pa., Cattell, 1945. 286 p. 389.1 M252

Hidden Hunger turns the historical and contemporary spotlight on the food we eat and its relationship to our health and happiness. The authors point out that "hidden hunger" - lack of balanced diet - is America's real health tragedy. The book covers a wide field of food problems from infant-feeding to the dietary problems of feeding an army on both industrial and fighting fronts. Food processing, storage and preservation are also discussed.

RODALE, J. I. Pay Dirt; farming and gardening with composts. New York, Devin-Adair Co., 1945. 242 p. 57.4 R61

Mr. Rodale points out that a revolution in farming and gardening is in progress all over the world and that compost farming is the best method of restoring fertility to the soil. It is from fertile soil that we derive healthy crops, healthy livestock and healthy human beings. The five parts of the book deal with the living soil, compost theory and practice, the dangers of chemical fertilizers, health and disease from food, and good and bad farming practices.

SCHWARTZ, HARRY. Seasonal Farm Labor in the United States, with special reference to hired workers in fruit and vegetable and sugar-beet production. New York, Columbia University Press, 1945. 172 p. 283 Sch9

The author examines the basic forces that govern employer and employee relationships in the changing aspects of American agriculture, and pictures the situation facing the nations' three million or more hired seasonal farm workers. Much of the discussion applies to California conditions.

SHEPARD, WARD. Food or Famine: the challenge of erosion. New York, Macmillan, 1945. 225 p. 56.7 Sh4F

The writer advocates widespread organization of land management districts with expert guidance to apply scientific management to our farms, forests and grasslands. He recommends that watersheds be brought under the control of valley authorities with power to organize public works programs of land reconstruction and upstream engineering.

SOCIETY OF AMERICAN FORESTERS. Forest Cover Types of Western North America. Washington, D. C., 1945. 35 p. 99.34 Sol2W

This is the report of the Committee on Western Forest Types appointed in 1936, of which Frederick S. Baker was chairman.. The classification is patterned after that in Forest Cover Types in the Eastern United States, issued in 1932 and revised in 1940; and is basically different from the classification adopted by the Forest Service for the West in 1913.

WARD, ARTEMAS. The Encyclopedia of Food. , New York, Smith, 1941. 596 p. and Atlas of Plates. 389 W21

The stories of the foods by which we live, how and where they grow and are marketed, their comparative values, and how best to use and enjoy them.
FOR REFERENCE ONLY.

WEST, JAMES. Plainville, U. S. A. New York, Columbia University Press, 1945. 280.12 W523

Plainville, U. S. A. is a sociological picture of an isolated and backward American farming community in the southern Midwest. It touches on rural economics, folklore, psychology, and examines living habits and social customs in descriptive and informal detail. A feature of particular interest to USDA employees is the attitudes expressed toward the county agent, AAA, scientific farming programs, the New Deal, old age assistance, and other government activities.

NEW MAGAZINES

American Geophysical Union. Transactions - bimo.
Arizona Highways - mo.
Country Gentleman - mo.
Desert Magazine - mo.
Farm Journal and Farmers' Wife - mo.
Industrial and Engineering Chemistry
 Analytical Edition - mo.
 Industrial Edition - mo.
Journal of Economic Entomology - bimo.
Mechanical Engineering - mo.
National City Bank of New York. Monthly Bank Letter - mo.
Successful Farming - mo.

Magazines will be routed upon request.

SELECTED PAMPHLETS

BUILDING

FICKES, C. F. & GROBEN, W. E. Building with logs. 1945. 56 p. (USDA Misc. Pub. No. 579) 1 Ag84M No.579

CONCRETE

GIESE, HENRY. A practical course in concrete. A textbook for classroom and laboratory, including demonstration and problems. Chicago, Ill., Portland Cement Assoc., 1944. 63 p.

COTTON

QMOHUNDRO, E. H. Domestic cotton surplus and disposal programs. 1945. 51 p. (USDA Misc. Pub. No. 577) 1 Ag84M No.577

POPE, O. A. & WARE, J. O. Effect of variety, location and season on oil, protein and fuzz of cottonseed and on fiber properties of lint. 1945. 41 p. (USDA Tech. Bul. No. 903) 1 Ag84Tc No.903

U. S. BUR. AGR. ECON. Looking ahead with cotton; some trends and some choices. 1945. 22 p. (USDA Misc. Pub. No. 584) 1 Ag84M No.584

VAN SICKLE, J. V. The stake of the cotton south in international trade. 29 p. 1945. (Carnegie endowment for international peace. Agricultural ser.) 281.9 C21

WRIGHT, J. W. The packaging of American cotton and methods for improvement. 1945. 62 p. (USDA Cir. No. 736) 1 Ag84C No.736

DDT

CALIF. AGR. EXPT. STA. Investigation with DDT in California, 1944. A preliminary report prepared under the direction of the Div. of entomology and parasitology. Berkeley, 1945. 33 p. 100 C123

FARM PONDS

KRIMGOLD, D. B. & MINSHALL, N. E. Hydrologic design of farm ponds and rates of runoff for design of conservation structures in the claypan prairies. 1945. (SCS-Tp-56) 1.96 Ad6Tp No.56

KRIMGOLD, D. B. Hydrologic design of small farm ponds in the claypan prairies of Kansas. 1945. 11 p. 1.96 R31Hyd

FERTILIZERS

HARDMAN, GEORGE. Fertilizers and manure in the improvement and maintenance of soil productivity in southern Nevada. Reno, 1944. 38 p. (Nev. Agr. Expt. Sta. Bul. No. 171) 100 N41S No.171

WILLIS, L. G. comp. Bibliography of references to the literature on the minor elements and their relation to plant and animal nutrition, 6th sup. to 3d ed. Chilean nitrate educational bureau, 1944. 463.34 W67

HEALTH

MOUNTIN, J. W. Health service areas; requirements for general hospitals and health centers. 1945. 68 p. (U. S. Public health Bul.) 151.66 B87

USDA INTERBUREAU COM. ON POST-WAR PROGRAMS. Better health for rural America; plans of action for farm communities. 1945. 34 p. (USDA Misc. Pub. No. 573) 1 Ag84M No.573

HIGHWAY ENGINEERING

NATL. RES. COUNCIL. HIGHWAY RES. BD. Wartime road problems.

No. 3 - Design of concrete pavements requiring a minimum of steel. 1942.

No. 4 - Maintenance methods for preventing and correcting the pumping action of concrete pavement slabs. 1942.

No. 5 - Granular stabilized roads. 1943.

No. 6 - Patching concrete pavements with concrete. 1943.

No. 7 - Use of soil-cement mixtures for base courses. 1943.

No. 8 - Thickness of flexible pavements for highway loads. 1943.

No. 9 - Recommended practice for treatment of icy pavements. 1944.

No. 10 - Salvaging old high type flexible pavements. 1945.

No. 11 - Compaction of subgrades and embankments. 1945.

U. S. NATL. INTERREGIONAL HIGHWAY COM. Interregional highways. Message from the President of the U. S. transmitting a report of the National interregional highway committee, and outlining and recommending a national system of interregional highways. 1944. 184 p. (House Document No.379)

IRRIGATION

BLANEY, H. F. Soil moisture and irrigation practice investigations. Los Angeles, SCS, 1944. 8 p.

GARDNER, ROBERT. Some soil properties related to the sodium salt problem in irrigated soils. 1945. 28 p. (USDA Tech. Bul. No. 902) 1 Ag94Te No.902

HAMILTON, J. G. Irrigated pastures for forage production and soil conservation. 1945. 30 p. (USDA Farmers' Bul. No. 1973) 1 Ag84F No.1973

PILLSBURY, A. F. Irrigation-water requirements of citrus in the south coastal basin of California. Berkeley, 1944. 19 p. (Calif. Agr. Expt. Sta. Bul. No.686) 100 Cl2S No.686

NUTRITION

Cochrane, W. W. High-level food consumption in the United States. 1945. 48 p. (USDA Misc. Pub. No. 581) 1 Ag84M No.581

HOAGLAND, RALPH. Nutritive properties of pork protein and its supplemental value for bread protein. 1945. 12 p. (USDA Tech. Bul. No. 906) 1 Ag84Te No.906

NATL. RES. COUNCIL. FOOD AND NUTRITION BOARD. Recommended dietary allowances. Washington; D. C., 1945. (Reprint and cir. ser. No.122) 330.9 N21R

U. S. BUR. DAIRY INDUS. Vitamin A in butter. 1945. 14 p. (USDA Misc. Pub. No. 571) 1 Ag84M No.571

U. S. BUR. HUMAN NUTRITION AND HOME ECON. Tables of food composition in terms of eleven nutrients. 1945. 30 p. (USDA Misc. Pub. No. 572) 1 Ag84M

PERSONNEL MANAGEMENT

U. S. DEPT. OF AGR. OFF. OF PERSONNEL. Qualification requirements of some professional scientific and other specialized positions in the Dept. of Agriculture. 1945. 62 p. 1.917 A2P91

U. S. DEPT. OF AGR. OFF. OF PERSONNEL. What to do when the veterans return to their jobs in the Dept. of Agriculture. 1945. 44 p. (Administrative ser. No. 4) 1 P432A No.4

RANGE MANAGEMENT

GROVER, D. I. Range condition. A classification of the annual forage type. Corning, Calif., SCS, 1945. 18 p.

- HUMPHREY, R. R. Range condition. A classification of palouse grass type. Portland, Ore.?-SCS, 1945. 12 p.
- HUMPHREY, R. R. Range condition. A classification of the bunchgrass type in the Kittitas soil conservation district. Ellensburg, Wash., SCS, 1945. 13 p.
- HUMPHREY, R. R. Range condition. A classification of the timber-grass forage type in the Asotin county soil conservation district. Portland, Ore.? SCS, 1945. 14 p.
- JENSEN, C. V. Range condition. A classification of the grassland-Juniper type of central Oregon. Portland, Ore.? SCS, 1945. 13 p.
- MCNUTT, W. D. Range condition. A classification of the annual forage type in the Pajaro soil conservation district. Watsonville, Calif., SCS, 1945. 13 p.
- ROE, R. Studies on the Mitchell Grass Association in South-Western Queensland. 2. The effect of grazing on the Mitchell grass pasture. Melbourne, Austral., 1945. 27 p. (Austral. Council Sci. & Indus. Res. Bul. No.185) 514 Au72B No.185
- ROGERS, J. B. Range condition. A classification of the annual grass-wood forage type. Walnut Creek, Calif., SCS, 1945. 9 p.
- STODDART, L. A. Range land of America and some research on its management. Logan, Utah State Agr. Col., 1945. 32 p. (Fourth annual faculty research lecture)
- YOUNG, V. A. Range condition. A classification of the annual type vegetation within the soil conservation districts in San Diego Co., Calif. Escondido, Calif., SCS, 1945. 10 p.

SEEDS

- NATIONAL SEEDSMAN PUBLICATIONS. Seed trade buyers guide; 29th ed. Chicago, Ill. 242 p. 62 Se3 1946.

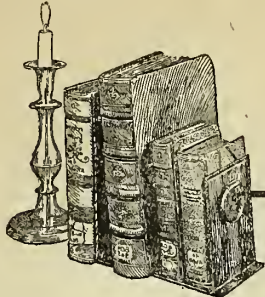
WILDLIFE

- DUERESNE, FRANK. Mammals and birds of Alaska. 1942. 37 p. (U. S. Fish & Wildlife Serv. Cir. No. 3) 156.2 C49 No.3
- GARLOUGH, F. E. Capturing foxes. 1945. 11 p. (U. S. Fish & Wildlife Serv. Cir. No. 8) 156.2 C49 No.8
- LACK, DAVID. The Galapagos finches (Geopizinae): a study in variation. San Francisco, 1945. 158 p. (Calif. Acad. Sci. Occas. Papers No.21) 500 Cl2) No. 21
- LINCOLN, F. C. The mourning dove as a game bird. 1945. 8 p. (U. S. Fish & Wildlife Serv. Cir. No. 10) 156.2 C49 No. 10
- REMINGTON ARMS CO. How to dress, ship and cook wild game. Bridgeport, Conn., 1945. 48 p.
- ROBINSON, SAMUEL. Organizations and officials concerned with wildlife protection: 1945. 24 p. (U. S. Fish & Wildlife Serv. Cir. No. 9) 156.2 C49 No. 9
- YOUNG, S. P. Coyote control by means of den hunting. 1945. 8 p. (U. S. Fish & Wildlife Serv. Cir. No. 7) 156.2 C49 No.7
- YOUNG, S. P. Mountain lion trapping. 1945. 7 p. (U. S. Fish & Wildlife Serv. Cir. No. 6) 156.2 C49 No.6

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Vol. 5, Nos. 3-4

March-April 1946

NEW BOOKS

AMERICAN FOREST PRODUCTS INDUSTRIES. Forest Products Research Guide in Fundamental and Applied Research. 2nd ed. Washington, D. C., 1945. 142 p. 99.75 Am322

This publication summarizes and classifies the sources of reliable scientific knowledge and shows the further research needed to round out the knowledge needed for maximum wood product development.

AMERICAN SOCIETY FOR TESTING MATERIALS. Procedures for Testing Soils. Philadelphia, 1944. 200 p. 56.43 Am32

Testing procedures in the following five categories are included: 1. Indicator tests. 2. Compaction and consolidation tests. 3. Strength tests. 4. Tests for soil-cement. 5. Tests for soil-bituminous mixtures.

FAULKNER, EDWARD H. Uneasy Money. Norman, Univ. of Oklahoma Press, 1946. 114 p. 281.12 F27

The author of Plowman's Folly discourses realistically on wages, prices and salaries. He believes that there must be a general scaling down of the elements of cost that go into the prices of things Americans consume, beginning with food prices, and that uneconomical methods of farm production must be abandoned if depressions are to be avoided.

FREAR, DONALD E. H. Chemistry of Insecticides and Fungicides. New York, Van Nostrand, 1942. 300 p. 386 F87

Contents: 1. Stomach poisons or protective insecticides. 2. Contact poisons or eradicant insecticides. 3. Fungicides. 4. Spray supplements and residue removal. 5. Analytical methods.

LILIENTHAL, DAVID E. TVA Democracy on the March. New York, Harper, 1944. 246 p. 280.002 L62T

This is a glowing and personal account by the Chairman of TVA of what this great regional experiment has done to the people, the farms, and the resources of the Tennessee Valley. It is a story of economic democracy at work, of conservation, of the harnessing of power, decentralization of industry, and the creation of new factories and new jobs without the sacrifice of individual freedom and well being.

MARVIN, LINDA. Housekeeping Made Easy. More than 2,000 shortcuts for daily household problems. New York, Vanguard Press, 1943. 422 p. 321 M36

A compendium of useful hints and suggestions in cookery, housework, laundry, sewing, camping, gardening, kitchen and miscellaneous field. The writer even has a method for making two pounds of butter from one!

SHANNON, FRED A. The Farmer's Last Frontier; Agriculture, 1860-1897. New York, Farrar & Rinehart, 1945. 434 p. 30.9 Sh1 (Economic History of the U. S., Vol. 5)

Professor Shannon "emphasizes the significant role played by soils, climate, and other natural forces in the development of American farming. At no time does he forget the people who farmed America's land during this period, and the question of their welfare is in the forefront of his treatment. To this problem he relates major issues of transportation, markets, credit, and finance." Western readers will be especially interested in the chapters on the Livestock Frontier, and on Finance and Marketing Problems of the Range Country.

SHEPHERD, GEOFFREY S. Agricultural Price Control. Ames, Iowa, Collegiate Press, 1945. 361 p. 284.3 Sh4A

The writer, who is Professor of Economics at Iowa State College, deals almost entirely with price floors, with scant reference to ceilings. He explains that this is because he believes that price ceilings are used only in peace and war, and will be with us for some time to come.

SHEWHART, WALTER A. & DEMING, W. EDWARDS. Statistical Method From the Viewpoint of Quality Control. Washington, D. C., USDA Graduate School, 1939. 155 p. 1 Ag854S

Dr. Shewhart, a member of the technical staff of the Bell Telephone Laboratories, delivered this series of four lectures before the Graduate School of the USDA in 1938. The lectures have just been reprinted so apparently their value in showing these two kinds of statistical techniques continues.

WESTERN FARM ECONOMICS ASSOCIATION. Proceedings, 1945. Papers and proceedings of the 18th annual conference, held at Fort Collins, Colorado, and of the Sub-regional meeting held at Berkeley, California. Berkeley, Calif., 1945. 160 p. 280.83 W52

Among the subjects dealt with in these papers are: Agricultural Planning; Transportation of Western farm products; Farm Labor; American Agricultural Policy; Food and Nutrition.

YANG, MARTIN C. Chinese Village, Taitou, Shantung Province. New York, Columbia University Press, 1945. 275 p. 281.2 Y1

Dr. Yang's book gives us a vivid picture of the rural Chinese village where the writer grew up, as seen in its cultural and social setting. It illustrates the use of methods of cultural anthropology applied to the study of an agricultural community. This interesting study should enable Americans to help China more intelligently in her task of agricultural reconstruction.

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Our Berkeley office has been moved from the Alta Vista Building on Telegraph Avenue to 2121 Alston Way. Miss Nellie G. Larson is in charge of that office and she can be reached by telephoning to Ashberry 8310.

SELECTED PAMPHLETS

AERIAL PHOTOGRAPHY

- CHURCH, EARL. Discussion of a photogrammetric method for constructing topographic maps from aerial photographs. 1945. 16 p. (Syracuse Univ. Bul. on aerial photogrammetry, No. 16) 332 Sy8B No.16
- FONSECA, JOSE & CUELLAR, LEON. Geodetic and photogrammetric problems in connection with the mapping of a new country. 1945. 80 p. (Syracuse Univ. Special Bul. on aerial photogrammetry, No. 10)

AGRICULTURAL ECONOMICS

- HAYGOOD, T. F. Postwar federal finance and agriculture. Washington, D. C., BAE, 1945. 31 p. 1.941 A5P43
- HORTON, D. C. Inter-war credit aids associated with farm ownership and operation. Washington, D. C., BAE, 1945. 78 p. 1.941 F4In82
- TOSTLEBE, A. S. The balance sheet of agriculture, 1945. 44 p. (USDA Misc. Pub. No. 583) 1 Ag84M
- U. S. BUR. AGR. ECON. Agricultural finance review. Washington, D. C., 1945. 104 p. 284 Ag84 v.8
- U. S. BUR. AGR. ECON. Income parity for agriculture. Part 6. State estimates of income and production expenses. Section 1. Net income and production expenses of farm operators by states, calendar years 1929, 1939-44. Washington, D. C., 1945. 1.9 Ec7Inp
- U. S. DEPT. AGR. What peace can mean to American farmers; agricultural policy. 1945. 41 p. (USDA Misc. Pub. No. 589) 1 Ag84M No. 589
- U. S. DEPT. AGR. What peace can mean to American farmers; expansion of foreign trade. 1945. 21 p. (USDA Misc. Pub. No. 582) 1 Ag84M
- U. S. SOCIAL SECURITY BOARD. Social security for farm people. 1946. 14 p. (USDA AIS-45) 1 Ag84Ai

DAMS

- CALIFORNIA CIO COUNCIL. Table Mountain dam: a public liability; a report on the proposed Table Mountain Dam on the Sacramento River, Calif. San Francisco; Salmon conservation league of California, 1945. 57 p.
- NATIONAL WILDLIFE FEDERATION. Proposed dams on Missouri River watershed; navigation, hydro-electric, flood control, irrigation; by J. M. Darling, I. N. Gabrielson, I. T. Bode. Washington, D. C., n.d. 32 p.

EVAPORATION

- MARTIN, EMMETT. Studies of evaporation and transpiration under controlled conditions. Washington, Carnegie Institution, 1943. 48 p. (It's Publication 550) 463.32 M36
- YOUNG, ARTHUR A. Evaporation investigations in southern California. Pomona, Calif., SCS, 1945. 89 p.

FARM REAL ESTATE

- HANNAY, A. M. Comp. Inheritance of farm real estate, 1920-1945; a list of references. 1946. 34 p. (USDA Library. Library list No. 22) 1.916 L612 No. 22
- HANNAY, A. M. Comp. Land transfer and titles, 1920-1945; a list of references. 1945. 41 p. (USDA Library. Library list No. 21) 1.916 L612 No. 21
- REGAN, M. M. and others. The farm real estate situation, 1944-45. 1946. 47 p. (USDA Cir. No. 743) 1 Ag84C No. 743

FOREST PRODUCTS LABORATORY

MIMEOGRAPHED REPORTS.

- No. 1383 (rev.) Effect of resin treatment and compression upon the properties of wood. 1945. 6 p.
- No. 1474-A. Furnace-type lumber dry kiln operation of an experimental unit. 1945. 11 p.
- No. 1495. A survey of the properties of commercial water repellents and related products. 1945. 21 p.
- No. 1536. Durability of glue joints between blocks of compreg and of compreg and wood. 1945. 7 p.
- No. 1537. Durability of room-temperature-setting and intermediate-setting resin glues to different degrees in yellow birch plywood. 1945. 4 p.
- No. 1538. Durability of papreg-to-papreg and papreg-to-birch glued joints. 1945. 6 p.
- No. 1550. Methods for testing and evaluating cargo flooring for transport aircraft. 1945. 18 p.

FORESTRY

- BICKERSTAFF, A. Knot-free pine by debudding; project P-38. Ottawa, 1945. 10 p. (Canada. Lands, Parks and Forests Branch. Silvicultural Note No. 76) 99.9 C16Sr
- MACMILLAN, H. R. Forests for the future. Conditions essential to a sustained-yield policy for management of British Columbia coast forests. Vancouver, 1945. 63 p.
- MEYER, W. H. & PLUSNIN, B. A. The Yale forest in Tolland and Windham counties, Conn. New Haven, 1945. 54 p. (Yale Univ. School of forestry. Bul. No. 55) 99.9 Y1B No. 55
- MULLOY, G. A. Costs of brush burning. Ottawa, 1944. 2 p. (Canada. Lands, Parks and Forests Branch. Silvicultural Leaflet No. 19) 99.9 C16S
- NOAKES, J. W. Effect of different methods of slash disposal on jack pine reproduction; project P-126. Ottawa, 1946. 8 p. (Canada. Dominion Forest service. Silvicultural Research Note No. 78) 99.9 C16Sr No. 78
- SPARHAWK, W. N. Japan. Forest resources. Forest products. Forest policy. Washington, D. C., Forest service, 1945. 89 p. 1.962 F4J27
- SPARHAWK, W. N. Notes on forests and trees of the central and southwest Pacific area. Washington, D. C., Forest service, 1945? 78 p. 1.962 F4N84
- TUNSTELL, GEO. Growth of aspen; project MS.S-45. Ottawa, 1945. 2 p. (Canada. Lands, Parks and Forests Branch. Silvicultural Research Note No. 77) 99.9 C16Sr No. 77
- WATROUS, R. C. & BELL, F. C. Forest credit in the United States, 1930-1945. 1946. 10 p. (USDA Library. Library List No. 23) 1.916 L612 No. 23

GEOGRAPHIC NAMES

U. S. DEPT. COMMERCE. COAST & GEODETIC SURVEY. Geographic names in the coastal areas of California, Oregon and Washington. n.d. 94 p.

HEALTH

ALA. STATE PLANNING BD. Health and medical care in Alabama; an inventory of conditions and a proposed hospital plan. 1945. 143 p.

NORTHERN GREAT PLAINS COUNCIL. SUBCOMMITTEE ON HEALTH. Medical care and health services for farm families of the Northern Great Plains. Proceedings of the Subcommittee on health of the Northern Great Plains council during a conference held in the Student Union Bldg., Univ. of Neb. 1945. 84 p.

LABOR

U. S. BUR. AGR. ECON. Survey of wages and wage rates in agriculture. Reports. No. 2. Wages and wage rates of seasonal farm workers in Maricopa Co., Ariz. and Imperial Co. Calif., Feb.-Mar. 1945. 21 p.

No. 4. Wages and wage rates of hired farm workers, U. S. and major regions. 1945. 55 p.

No. 5. Wages and wage rates of farm workers in the citrus harvest, Los Angeles area. 1945. 21 p.

No. 6. Wages and wage rates of seasonal farm workers in USDA labor supply centers at Arvin, Linnell and Shafter, Calif., June 1945. 19 p. 1.941 R3Su7

U. S. BUR. LABOR STATISTICS. Wages in the basic lumber industry in the far west, 1944. 1945. 23 p. 158.6 B87

LIVESTOCK FEEDING

NAT. RES. COUNCIL. COMMITTEE ON ANIMAL NUTRITION. Recommended nutrient allowances for domestic animals. Washington, D. C., 1944-45.

No. 1. Recommended nutrient allowances for poultry.

No. 2. Recommended nutrient allowances for swine.

No. 3. Recommended nutrient allowances for dairy cattle.

No. 4. Recommended nutrient allowances for beef cattle.

No. 5. Recommended nutrient allowances for sheep.

WILLIAMS, J. O. & ELLIS, N. R. Feeding horses. 1945. 18 p. (USDA Farmers' Bul. No. 1030 rev.) 1 Ag84F

SOIL CONSERVATION

BREGGER, J. T. & BROWN, G. F. Conserving soil and moisture in orchards and vineyards. 1945. 30 p. (USDA Farmers' Bul. No. 1970) 1 Ag84F

STALLINGS, J. H. Review of data on contour furrowing, pasture and range land. Washington, D. C., SCS, 1945. 10 p.

STALLINGS, J. H. Review of terracing data on crop yield, runoff and soil loss. Washington, D. C., SCS, 1945. 8 p.

STALLINGS, J. H. Summarization of strip cropping data on crop yield, runoff and soil loss. Washington, D. C., SCS, 1945. 9 p.

STORIE, EARL. Soils of Imperial East Mesa, Imperial Co., Calif. Berkeley, 1944. 10 p. 56.22 C122

U. S. SOIL CONSERVATION SERVICE. Soil and water conservation needs estimates for the United States, by states. Washington, D. C., rev. 1945. 109 p. 1.96 L22So

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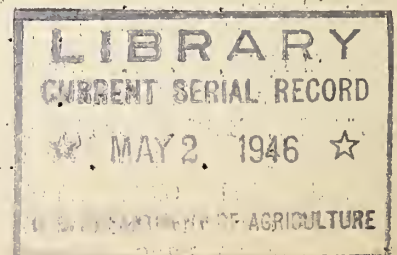
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Vol. 5, No. 5

May 1946

NEW BOOKS

AHEARN, DANIEL JOSEPH. The Wages of Farm and Factory Laborers, 1914-1944. 245 p. New York, Columbia University Press, 1945. 283 Ah3

During the period studied, wage rates of factory labor tripled in the United States, whereas farm wage rates barely managed to hold their own. The writer discusses real and money values of earnings, as well as the relation of wages to productivity. He divides the study into three main periods, namely: 1914-1922, 1922-1929, and 1929-1944.

BANDEN, F. C. Plant Viruses and Virus Diseases. 2d ed. rev. 294 p. Waltham, Mass., Chronica Botanica Co., 1943. 464.32 B32

Recent advances in the study of plant viruses are described and correlated, but detailed descriptions of symptoms and host-ranges are omitted. Among the chapter headings are the following: Symptomology; Transmission; Relationships to insect vectors; Strains, mutation, and acquired immunity; Serological reactions; Methods of purification; Sizes of various particles; Control of virus diseases.

CHRISTENSEN, CLYDE MARTIN. Common Edible Mushrooms. 124 p. Minneapolis, University of Minnesota Press, 1934. 462.5 C46

Savory mushrooms may be had for the picking almost everywhere in the U. S. This valuable little handbook with its excellent photographs (18 in color) should enable the beginner to positively identify the most commonly found, most delicious, and most easily recognized of edible varieties. The chapter called "The Foolproof Four" will be especially helpful in identification, and the chapter on mushroom cookery includes unusual recipes.

CLUTE, WILLARD NELSON. Useful Plants of the World. 3d ed. 219 p. Indianapolis Willard N. Clute & Co., 1943. 452.9 C62

Gives the common, technical and family names of many useful species with other miscellaneous information about uses and edibility. The plants are arranged into broad groups of products, viz. Condiments and perfumes; Beverages and masticatories; Textiles; Dyes, soaps and tannins; Gums, resins and rubbers; Oils and fats; Drug plants; and Wood and wood products.

COCANNIQUER, JOSEPH A. Trampling Out the Vintage. 221 p. Norman, University of Oklahoma Press, 1945. 120 C64

The autobiography of an agricultural teacher who worked in Oklahoma, Cali-

fornia and the Philippines; told in forthright manner with interesting sidelights on rural life and the problems of American agriculture. "Poor soils and vineyards of discontent are inseparable companions. America's soils are vanishing. Only when these soils are rebuilt will the vintage of bitter grapes in our agriculture be supplanted by that of sound and mellow fruit". Preface.

CONSUMERS REPORTS: 1946 Buying Guide. issue. New York, Consumers Union, Inc. 1945. 280.8 C764

The annual guide to new products and appraisal of old ones, compiled as an aid to cutting family living expenses.

GUSTAFSON, AXEL FERDINAND. Handbook of Fertilizers; their sources, make-up, effect, and use. 4th ed. 172 p. New York, Orange Judd, 1945. 57 C97

As contrasted with Rodale's Pay Dirt warning against their use, Mr. Gustafson stresses the effects of commercial fertilizers on soils and crops. In addition to his discussion of plant growth requirements; there are chapters on nitrogenous, phosphatic and potash fertilizers, and on home mixing and purchase and use of fertilizers, and on liming in relation to fertilizer practice and use.

HUSTED, HELEN. A Chairman's Guide. Pleasantville, N. Y., Reader's Digest Program Service, 1944. 60 p.

LIVERSAGE, VINCENT. Land Tenure in the Colonies. 151 p. Cambridge University Press, 1945. 282.171 L75

By "colonies" the writer means territories peopled by indigenous and often primitive peoples in a stage of tutelage to some European power. He gives a brief, but inclusive account of the forms of land tenure at various periods of history and in different parts of the world with special appraisal of their effect and bearing on colonial policy.

MOSK, SANFORD ALEXANDER. Land Tenure Problems in the Santa Fe Railroad Grant Area. 66 p. Berkeley, University of California Press, 1944. (Publications of the Bureau of Business and Economic Research) 282.003 M85

The "checkerboard areas" where alternate sections were allocated to the railroads and the intervening lands were held by private groups or public agencies are the problem areas considered in this study. The writer indicates how different kinds of land ownership and control came to prevail and examines the unfavorable consequences of these tenure developments as they relate to land use, ranch organization, and conservation, and appraises attempts to simplify the tenure pattern.

REEVES, FLOYD WESLEY. Education for Rural America. 213 p. Chicago, University Press, 1945. 275 R25E.

Contains the papers presented at the University of Chicago Conference on Education in Rural Communities in 1944, which deal with such subjects as the financing and organizing of rural schools; cooperation in adult education; training rural youth for leadership; programs of the Farmers Union and State Farm Bureau; library service to rural communities.

SCHULTZ, THEODORE WILLIAM. Agriculture in an Unstable Economy. 299 p. New York, McGraw-Hill, 1945. 281.12 Sch82A

Professor Schultz discusses not the problems within agriculture, but the problems that have their origin in the interrelationships between agriculture and the rest of the economy. He points out that the basic causes for low earnings of most farm people and the instability of income from farming lie not within agriculture, but elsewhere in our economy. The main purpose of his study is to lay the foundations for a national policy with regard to agriculture. One chapter is devoted to each of the following subjects: Underemployment; Instability of farm income; Production adjustments; Price policies.

SNEDECOR, GEORGE WADDEL. Statistical Methods Applied to Experiments in Agriculture and Biology. 4th ed. 485 p. Ames, Iowa State College Press, 1946. 251 Sn2

The fourth edition of this text has been largely rewritten and the scope has been widened.

SOIL SCIENCE SOCIETY OF AMERICA. Proceedings, 1944. Morgantown, W. Va., The Society, 1945. 263 p. 56.9 So3 v.9

TOUNE, CHARLES WAYLAND & WENTWORTH, EDWARD MORRIS. Shepherd's Empire. 364 p. Norman, University of Oklahoma Press, 1945. 45 T66

Literature has immortalized the cowboy of half a century ago but has forgotten the flockmaster whose life was as spectacular and romantic as any group in the development of American industry. Columbus brought the first sheep to this hemisphere and they have been associated with all the moves that spread civilization. Here is the story of the industry and the personalities behind it.

VAN DERSAL, WILLIAM RICHARD & GRAHAM, EDWARD HARRISON. The Land Renewed: the story of soil conservation. 109 p. New York, Oxford University Press, 1946. 56.7 V28

Every other page in this book is a photograph, taken from the files of the Soil Conservation Service, which vividly illustrates the story of what is happening to American soil and what can be done to save it.

WORK, PAUL. Vegetable Production and Marketing. 599 p. New York, Wiley, 1945. 91 W89

The fundamental of vegetable production, including soils, seeds, cultural practices, and equipment are discussed. There are special chapters on storage, exhibitions, insects and diseases, roadside selling, marketing of vegetables. Thirteen chapters are devoted to consideration of individual vegetable crops.

YOCUM, LAWSON EDWIN. Plant Growth. 203 p. Lancaster, Pa., Cattell, 1945. 463 Y7

Written for the layman who wants to understand his flower or vegetable garden's progress and a little of the fundamentals of botany. The illustrations are simple and clear and the text readable. Included are such subjects as heredity, hybridizing, hormones, rest periods and fertilizers.

SELECTED PAMPHLETS

FARM PRODUCTION

- BARTON, G. T. & COOPER, M. R. Farm production in war and peace. 85 p. 1945. (U. S. Bur. agr. econ. F. M. No. 53) 1.941 L6F22
- EARP, W. S. & McDONALD, E. Wartime shifts in food and livestock production. 52 p. 1945. (USDA Misc. Pub. No. 569) 1 Ag84H No. 569

FERTILIZERS.

- NATIONAL JOINT COMMITTEE ON NITROGEN UTILIZATION. Proceedings of the third annual meeting. 119 p. 1944. 57.9 N217

FORAGE PLANTS AND GRASSES

- IMPERIAL BUR. OF PASTURES AND FORAGE CROPS. The establishment and early management of sown pastures. Prepared in collaboration with BPI and Forest Service. 210 p. 1945. 64.8 Im7
- PALMER, L. J. & ROUSE, C. H. Study of the Alaska tundra with reference to its reactions to reindeer and other grazing. 48 p. 1945. (U. S. Fish and Wildlife Service. Research Report No. 10) 156.2 R31 No. 10
- REID, E. H. & PICKFORD, G. D. Judging mountain meadow range conditions in eastern Oregon and eastern Washington. 31 p. 1946. (USDA Cir. No. 748) 1 Ag84C
- U. S. REGIONAL PASTURE RESEARCH LABORATORY. Improving pastures and grasslands for the northeastern states. 29 p. 1946. (USDA Misc. Pub. No. 590) 1 Ag84H No. 590

FORESTRY

- AMERICAN PHILOSOPHICAL SOCIETY. Symposium on forestry and the public welfare. (Proceedings, v. 89, No. 2, July 18, 1945) 500 P533
- AUSTRALIA. COMMONWEALTH FORESTRY BUREAU. Cone holes in Monterey pine, by J. N. Fielding. 7 p. 1945. (Leaflet No. 55)
- WIESLANDER, A. E. & JENSEN, H. A. Forest areas, timber volumes and vegetation types in California. 66 p. Berkeley, 1946. (Calif. Forest & Range Experiment Station Forest Survey Release No. 4) 1.9 F76 C12F

HEALTH

- ANDERSON, A. E. Hamilton county, Nebraska, medical aid association. 39 p. Lincoln, 1945.
- ANDERSON, W. L. What's going on in rural health services. Prepared for Conference committee on rural health services. 11 p. Chicago, 1946.
- HEALTH PROGRAM CONFERENCE. Principles of a nation-wide health program. N. Y., 1944. 34 p. 448.9 H34
- U. S. CONGRESS. SENATE. COMMITTEE ON EDUCATION AND LABOR. National health act. 113 p. 1945.
- U. S. CONGRESS. SENATE. SUBCOMMITTEE OF THE COMMITTEE ON EDUCATION AND LABOR. Dental research and dental care. 223 p. 1945.
- U. S. CONGRESS. SENATE. The experimental health program of the United States Department of agriculture. 166 p. 1946. (Subcommittee Monograph No. 1)

LABOR

- CALIFORNIA. DEPT. INDUSTRIAL RELATIONS. DIV. LABOR STATISTICS AND LAW ENFORCEMENT. Labor in California, 1943-1944. 111 p. San Francisco, 1945. 283.9 C124L
- METZ, H. W. Labor policy of the federal government. 284 p. Washington, D. C. Brookings Institution, 1945.
- METZLER, W. H. Wages and wage rates of seasonal farm workers at selected USDA labor supply centers in North Central California, August-October 1945. 21 p. Washington, D. C., 1946. (Bur. Agr. Econ. Survey of wages and wage rates in agriculture. Report No. 9)
- U. S. BUR. AGR. ECON. Wage ceiling regulations applied to agricultural labor. 20 p. Washington, D. C., 1945. 1.941 R57123

LOCKER PLANTS

- MITLICK, M. B. Instructions on processing for community frozen-food locker plants. 52 p. 1946. (USDA Misc. Pub. No. 588) 1 Lg84M

LUMBER. SEASONING

- TEASDALE, L. V. Reducing the hazards of inadequately dried lumber in postwar housing. 6 p. Madison, Wisconsin, 1945. (Forest Products Laboratory Memo. Report No. 1600)
- U. S. FOREST SERVICE. NORTHEASTERN FOREST EXPERIMENT STATION. How to pile turning squares for rapid air seasoning, by Roy H. Carter. 8 p. 1946. (Forest Products Paper No. 1)
- WEST COAST LUMBERMEN'S ASSOCIATION. West Coast lumber seasoning. Research bul.: No. 1. Moisture content of West Coast lumber. 9 p. 1942. No. 2. Temperature, relative humidity, and air circulation in the kiln drying of West Coast lumber. 10 p. 1942. No. 3. End seals for West Coast lumber. 3 p. 1942. No. 4. The kiln drying of West Coast aircraft lumber. 25 p. 1943. No. 5. Uniform temperatures and humidities, an essential part of kiln control. 13 p. 1944.

WATER

- CALIFORNIA. DEPT. OF PUBLIC WORKS. DIV. OF WATER RESOURCES. Present overdraft on and safe yield from the ground water of the coastal plain of Orange county. 41 p. 1945.
- CALIFORNIA. DEPT. OF PUBLIC WORKS. DIV. OF WATER RESOURCES. South coastal basin investigations including San Jacinto Valley and Antelope Valley. Ground water levels 1942. Precipitation records 1941-42. 138 p. Sacramento, 1945. (Bulletin No. 39-K) 292.9 C12B
- CEDAR RIVER WATERSHED COMMISSION. Report on the water supply and the Cedar River watershed of the city of Seattle, Washington. 74 p. 1944.
- METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA. Report for the fiscal year July 1, 1944 to June 30, 1945. 122 p. Los Angeles, 1945. 292 L25
- U. S. CONGRESS. Survey report on Santa Ynez river watershed, California. 31 p. 1944. (House Document No. 518)
- U. S. CONGRESS. SENATE. Treaty with Mexico relating to the utilization on the waters of certain rivers. 38 p. 1945. (Executive Report No. 2)
- U. S. CONGRESS. SENATE. Water treaty with Mexico. 5 p. 1945. (Document No. 3)

WRITING

AMERICAN ASSOCIATION OF CEREAL CHEMISTS. Special reprint comprising writing symposium reports. (Transactions, v.3, No.2, Jan. 1945. Contents: They understand not one another's speech, by T. Swann Harding. Short cuts to unity, clearness, and brevity, by H. L. Harris. The role of statistics in technical papers, by J. Ansel Anderson. The preparation of illustrations and tables, by J. Ansel Anderson. Preparation of technical reports, by A. D. Hyde. Preparation of papers for oral presentation, by M. J. Blish. JORDAN, R. C. & EDWARDS, M. J. Aids to technical writing. 117 p. 1944. (Minnesota. Engineering experiment station. Bulletin No. 21)

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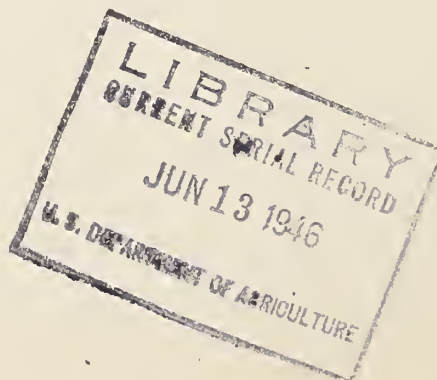
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Vol. 5, Nos. 6-7

June-July 1946

NEW BOOKS

BUSH, CARROLL D. Nut Grower's Handbook: a practical guide to the successful propagation, planting, cultivation, harvesting and marketing of nuts. 189 p. New York, Orange Judd Pub. Co., 1941. 94.6 B96

A chapter is devoted to each of the major nut varieties and one deals with pistachios, pine nuts, acorns and chinquapins. Other chapters give information on nut growing and its place in American agriculture, on pollination of nut groves, on planting and pruning, marketing, topworking and grafting.

CHASE, STUART. Men At Work: some democratic methods for the power age. 146 p. New York, Harcourt, Brace, 1945. 249.3 C38

Mr. Chase writes of the human relationships (often known as personnel management) in industry and in our bureaucracy. He begins by describing the well-known Hawthorne studies at Western Electric, and proceeds to discuss labor-management committees, training within industry programs, JIT, JMT, teams, groups and gangs, sharecroppers, ghost towns in forest areas, and the TVA. His chapters in praise of operating efficiency in the Social Security program and in the TVA should prove interesting to USDA employees.

CHASE, STUART. Tomorrow's Trade; problems of our foreign commerce. 156 p. New York, Twentieth Century Fund, 1945. 286 C38

This is No. 5 of the When the War Ends series which many of you have borrowed from the Library. The volume should prove helpful in learning more about foreign trade and investment perplexities. It contends that the Big Three constitute the political core of the postwar world and that they will determine the shape of tomorrow's trade.

COOPER, ALFRED H. Employee Training. 311 p. New York, McGraw-Hill, 1942. 249.3 C78E

Some topics discussed are: How to lead a training conference; Developing supervisors as conference leaders; Supervisory and executive training; Safety training programs; Public Relations training; Vestibule, upgrading and apprentice training. Emphasis throughout the book is on the conference method of instruction.

VISIT YOUR BRANCH LIBRARY

FARNHAM, RICHARD B. & INGHAM, VAN NIE. Grounds For Living: the home dweller's complete guide to his lawns, trees, & gardens. 334 p. New Brunswick, Rutgers University Press, 1946. 90 F23

Every home owner will be intrigued with this book. The many little drawings and illustrations add considerably to the forthright and readable text on landscaping, lawns, shade trees, flowers, vegetables, fruit, soils and outdoor construction.

HANSEN, ALVIN H. America's Role in the World Economy. 197 p. New York, W. W. Norton & Co., 1945. 280 H192A

Dr. Hansen holds that a world political organization cannot succeed in maintaining the peace of the world unless we can solve our economic problems. He addresses the "general, intelligent reader" in this volume and attempts to simplify the intricacies of economics, international trade, world markets, monetary policy and international finance. One chapter is devoted to the Food and Agriculture Organization.

JONES, MECK H. Shopwork on the Farm. 486 p. New York, McGraw-Hill, 1945. 58 J72S

The generous use of illustrations makes the procedures and operations described in the text easy to understand. It tells how to improve shop facilities, how to keep equipment in best of condition, and how to do the many mechanical jobs around the farm. Other home owners will be interested in the chapters on rope work, harness and belt work, pipe work and simple plumbing, painting, finishing, and window glazing.

KRAEMER, J. H. Native woods for Construction Purposes in the South China Sea region. 277 p. Washington, U. S. Navy, Bur. of Yards and Docks, 1945. 153.9 H212

KRAEMER, J. H. Native Woods for Construction Purposes in the Western Pacific Region. 382 p. Washington, U. S. Navy, Bur. of Yards and Docks, 1944. 153.9 H21

The trees and their woods are described with illustrations for identification. Tables show the strength of woods and there is information on durability and preservation. The maps and glossaries are useful. For the Western Pacific region, the writer includes brief descriptions of the topography, climate, and forest regions of each of the islands.

MAITELL, C. L. Adsorption. 386 p. New York, McGraw-Hill, 1945. 386 M31

"In this volume an attempt has been made to correlate the practical, commercial, and the engineering aspects of adsorption... For those who desire it, a brief chapter on theories of adsorption is included". - Preface.

MEINECKE, CONRAD. Your Cabin in the Woods: a compilation of cabin plans and philosophy for discovering life in the great out doors. 167 p. Buffalo, N. Y., Foster & Stewart, 1945. 296 M47

For those who long to have a cabin in the woods - and who doesn't - this book seems to have all the answers. It tells how to plan and build cabins of various sizes and types. It also contains information on such

details as chinking, sliding windows, andirons, pot hooks, lamps and lighting, bunks and furniture, stepping stones, sign posts, trail markers, fences, and camp cookery. The many drawings and illustrations are particularly interesting, as is the author's philosophy of living in the great outdoors.

MERRILL, ELMER D. Plant Life of the Pacific World. 295 p. New York, Macmillan co., 1945. 460.53 M55

A broad, over-all picture of plant life in the vast Pacific area is presented in this little book. It is intended for the general reader rather than for the botanist, and contains many illustrations. Some chapter headings are: Safe forests and jungles of the tropics; Plants of the seashore; Mangrove forest; Secondary forests and open grass lands; Primary forest; Weeds; Cultivated plants; Jungle foods; Problems of plant distribution; Plant names.

OLSEN, ORANGE A. Elk Below! 104 p. Privately printed, 1945. 412.1 O18

"Elk Below" is a memorial volume published by the friends and associates of Orange Olsen to commemorate his life, his work and his contributions to the cause of wildlife in the Intermountain country. It contains a biographical sketch and selections from Mr. Olsen's writings on wildlife, game management and conservation.

SMITH, H. T. U. Aerial Photographs and Their Application. 372 p. New York, Appleton-Century Co., 1943. 325.2 Sm5

"The purpose of this book is to present, as simply as possible, the elements of aerial photographic mapping and photo interpretation, and to outline their various fields of application. Although the emphasis is on practical, working procedure, the underlying principles are treated at sufficient length to make for an intelligent approach to practice. The standpoint assumed is that of the user of aerial photographs." - Preface.

WAGNER, PHILIP H. A Wine-Grower's Guide. 230 p. New York, Knopf, 1945. 95.2 W12

In addition to the practical information on growing, pruning, training and propagating the vine, the book contains material on the history and development of vineyards and on the selection of grape varieties. The sections on Grapes for California, and on French and American Hybrids should be of particular interest in this region.

YULE, G. UDNEY & KENDALL, M. G. Introduction to the Theory of Statistics. 13th ed. rev. 570 p. London, Charles Griffin, 1946. 251 Y9

Because of many requests for this standard text, your Library has now acquired the latest revised edition.

"Standing libraries will signify little in a country where persons must ride for some miles to look into a book; but lending libraries which come to them without charge may tolerably well supply the vacancy."Rev. Thomas Bray of London, in 1697.

SELECTED PAMPHLETS

AGRICULTURAL EXTENSION

- BOND, C.A. & ZIPF, T. H. Radio handbook for extension workers. 21 p. (USDA Misc. Pub. No. 592) 1 Ag84M No.592
- U. S. Dept. Agr. The home demonstration agent. 1946. 38 p. (USDA Misc. Pub. No. 602) 1 Ag84M No.602
- U. S. DEPT. AGR. Motion pictures of the U. S. Dept. of Agriculture. 1945, 52 p. (USDA Misc. Pub. No. 574) 1 Ag84M No.574

AIR TRANSPORT OF AGRICULTURAL PRODUCTS

- U. S. INTERBUREAU COMMITTEE ON POSTWAR PROGRAMS. Air transport of agricultural perishables. 1946. 44 p. (USDA Misc. Pub. 585) 1 Ag84M No.585

CORK OAK - BIBLIOGRAPHY

- WATROUS, R. C. & BARNES, H. V. Bibliography on cork oak. 1946. 66 p. (USDA Bibliographical Bul. No. 7) 1 Ag84Bi No.7

FERTILIZER

- CLARK, K. G. & SHERMAN, M. S. Prewar world production and consumption of plant food in fertilizers. 1946. 56 p. (USDA Misc. Pub. No. 595) 1 Ag84M
- U. S. DEPT. AGR. Fertilizers and lime in the U. S.: resources, production, marketing and use. 1946. 94 p. (USDA Misc. Pub. No. 586) 1 Ag84M

FRUIT - SHIPPING & STORAGE

- HARVEY, E. M. Changes in lemons during storage as affected by air circulation and ventilation. 1946. 32 p. (USDA Tech. Bul. No. 908) 1 Ag84Tc
- HUKILL, V. V. & SMITH, EDWIN. Cold storage for apples and pears. 1946. 61 p. (USDA Cir. No. 740) 1 Ag84C No. 740
- PENTZER, W. T. & OTHERS. Precooling California grapes and their refrigeration in transit. 1945. 64 p. (USDA Tech. Bul. No. 899) 1 Ag84Tc No. 899

HERBS

- LOWMAN, M. S. & BIRDSEYE, M. Savory herbs: culture and use. 1946. 33 p. (USDA Farmers' Bul. No. 1977) 1 Ag84F No. 1977

HIGHWAY ENGINEERING

- NATIONAL RESEARCH COUNCIL. HIGHWAY RESEARCH BD. Current road problems. No.13. Use of air-entraining concrete in pavements and bridges. May 1946.

OUTDOOR LIFE

- U. S. ARMY AIR FORCES. TRAINING AIDS DIV. Emergency living in the Arctic. 1944. 38 p. (Information 1 bul. No. 6)

PLANT BIOLOGY

- CLAUSEN, H. & OTHERS. Experimental studies on the nature of species. II. Plant evolution through amphiploidy and autopoloidy, with examples from the Madiaceae. Washington, Carnegie Institution, 1945. 174 p. (Its Publication 564) 463.8 C57

POTATOES

- CLARK, C. F. & LOMBARD, P. M. Descriptions of and key to American potato varieties. 1946. 50 p. (USDA Cir. No. 741) 1 Ag84C
- EDMUNDSON, W. C. & OTHERS. Potato production in the western states. 1945. 58 p. (USIA Farmers' Bul. No. 1843 rev.) 1 Ag84F
- ROSE, D. H. Handling and shipping early potatoes. 1946. 44 p. (USDA Cir. No. 744) 1 Ag84C
- SHEPHERD, J. B. Methods of making potato silage and tests of its feeding value for dairy cows. 1946. 14 p. (USDA Tech. Bul. No. 914) 1 Ag84Te

SAWMILLS

- MULLER, J. L. Establishing and operating a small sawmill business. 1945. 154 p. (U. S. Bur. Foreign and Dom. Com. Industrial series No. 20) 157.54 In24

SEWING

- SMITH, MARGARET. How to tailor a woman's suit. 1946. 24 p. (USDA Misc. Pub. No. 591) 1 Ag84M

TREE BREEDING

- RICHEMS, R. H. Forest tree breeding and genetics. Aberystwyth, Gt. Britain, 1945. 79 p. (Imperial Agricultural Bureau. Joint Publication No. 8) 10 In73 No. 8

TREE CROPS

- WOLF, CARL B. California wild tree crops. Rancho Santa Ana Botanic Garden of the native plants of California, 1945. 68 p. 452.8 T83

U. S. FOREST PRODUCTS LABORATORY

MIMEOGRAPHED REPORTS. 1.9 F761R

- No. 621 rev. Preservation of timber by the steeping process. 1945. 10 p.
- No. 1492. Wood research pays high dividends. 1945. 9 p.
- No. 1493. Waste in veneer manufacture. 1945. 4 p.
- No. 1494. Sulphite pulping of western redcedar. 1945. 7 p.
- No. 1495. A survey of the properties of commercial water repellents and related products. 1945. 21 p.
- No. 1601. Chemical utilization of wood: its opportunities and obstacles. 1945. 12 p.
- No. 1608. A method of seasoning small quantities of lumber. 1945. 7 p.

WORLD FOOD SITUATION

- U. S. OFF. FOREIGN AGR. RELATIONS. World food situation, 1946. 179 p. 1.943 T893

WORLD TRADE

- U. S. OFF. FOREIGN AGR. RELATIONS. Agricultural production and trade by countries: pre-war summary by commodities. 1945. 134 p. 1.943 Ag82
- U. S. TARIFF COMMISSION. Post-war imports and domestic production of major commodities. 1945. 1321 p. (U. S. Senate. 79th Cong., 1st Sess. Doc. No. 38) 173 T17Rs

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Vol. 5, No. 8

August 1946

NEW BOOKS

BARRETT, THOMAS JASON. Earthworms; the earthmaster system for the intensive propagation and use of domesticated earthworms in biological soil-building for agriculture, horticulture, orcharding, nursery and home gardening, and for allied vocations and avocations. Roscoe, Calif., Earthmaster publications, 1944. 32 p. 436 B272E

BAILEY, L. H. The Holy Earth. Reprinted in cooperation with the author by The Christian Rural Fellowship.. New York, 1915. 117 p. 30.4 B15

"The philosophy of this little classic in its field is more applicable to the conditions of today than it was to conditions that prevailed when it was written 28 years ago. The author reasons that because we did not make the earth but received it freely it is "holy", we have inescapable responsibilities toward it, and in trying to live up to these we are working in the processes of creation. These responsibilities include the right use of the land, the recognition of the fundamental values in rural life including the development of group responsibility, and the 'raising up of a population less responsive to cash than to some other stimuli'." From the review by Mary G. Lacy in Land Policy Review for Fall, 1943.

BOWES, ANNA DE PLANTER. Food Values of Portions Commonly Used. Completely rewritten and enlarged. 46 p. Philadelphia, Pa., 1944. 389.1 B672

BROWN, IVOR. A Word in Your Ear, and Just Another Word. N.Y., E.P.Dutton, 1945. 136, 128 p. 200 B815

These two little books, bound together in one volume, are what the author calls "an anthology of words". The words which struck his fancy in reading have been jotted down together with the author's own delightful comments. The book may be of considerable interest to government employees, since - to quote from USDA - "Brown is severe with officialese, or gobbledygook, which he calls the barnacular (from barnacles)".

CHRISTMAN, HENRY. Tin Horns and Calico: the story of the Anti-Rent rebellion. 377 p. N.Y., Holt, 1945. 138 C46

This is the story of the revolt of the New York farmers against the semi-feudal system of tenancy which existed long after the Revolution - the war which was fought in order to gain democracy and free enterprise. The rebellion resulted in the passage of the Homestead Act of 1862 which opened the West to the people. The Introduction is by Carl Carmer.

CRAVEN, AVERY ODELLE. Soil Exhaustion as a Factor in the Agricultural History of Virginia and Maryland, 1606-1860. 179 p. Urbana, University of Illinois, 56.6 C85

The author's purpose was to study the general conditions surrounding agriculture in a certain period, the methods employed and the results produced, in the light of present day understanding of soil fertility and soil depletion. From the study it is hoped that the importance of "soil exhaustion" in the history of a region may be pointed out and that there may be some solution to the question of why destructive methods were employed.

FLESCH, RUDOLF. The Art of Plain Talk. N.Y., Harper, 1946. 210 p. 200.4 F63

Outstanding among the "how-to-write" books is this one by the author of Marks of Readable Style. The author's system has been used successfully by the Extension Service and is recommended by the Personnel Office.

HAISEY, GEORGE D. Supervising People. 233 p. N.Y., Harper, 1946. 249.3 H16S

This book is intended primarily for supervisors - foremen, section heads, etc. - the men and women directly responsible for whether or not each individual's work is well done. There are chapters on employee counseling, holding meetings, interviewing, accident prevention.

PARKER, KAY PETERSON. Decorating Your Home. 115 p. N.Y., Chester R. Heck, 1946. 318 P22

"This book attempts to analyze the practical means by which satisfactory home interiors are developed. It is concerned chiefly with the basic principles of line and color which must be understood by the homemaker in order to arrange her present household furnishings and room interiors to greater advantage and to make them more attractive."

PERRY, ELMOS J. ed. The Artificial Insemination of Farm Animals. 265 p. New Brunswick, Rutgers University Press, 1945. 40 P42

Seven authorities have collaborated with Prof. Perry to produce this analysis of the techniques, principles and objectives of artificial breeding. There is also a thorough discussion of the natural laws governing the improvement of livestock.

PUBLIC ADMINISTRATION SERVICE. Work Simplification as exemplified by the work simplification program of the U. S. Bureau of the Budget. 49 p. Chicago, Public Administration Service, 1945. (Publication No. 91)

"This publication describes the plans and materials worked out for the Bureau's work simplification program which, in essence, is a scheme for attacking the procedural problems of large organizations by teaching line supervisors to analyze and improve methods".

U. S. BUREAU OF MINES. Minerals Yearbook, 1944. 1636 p. Washington, D. C., Govt. Print. Off., 1946. 294.9 Un3

WHITMORE, GEORGE DEWEY. Elements of Photogrammetry. 136 p. Scranton, Pa., International Textbook Co., 1941. 332 W59

WOLFE, LINTIE (MARSH) Son of the Wilderness; the life of John Muir. 364 p. N.Y., Knopf, 1945. 120 M89W

Californians particularly will enjoy this portrait of Muir the naturalist, mechanical genius, mountaineer, glaciologist, and apostle of conservation. The author had access to his journals and unpublished papers, and had the assistance of Muir's daughters and of others who had known the great man well - the man who said of himself that he might have been a millionaire but he chose to be a tramp.

OF SPECIAL INTEREST TO SCS

Recently the Soil Conservation Service compiled a list of the books most frequently used in the Washington Office. The following are available in the San Francisco Branch Library:

- ANTHONY, HAROLD ELMER. Field Book of North American Mammals; descriptions of every mammal known north of the Rio Grande. 625 p. N.Y., Putnam, 1928. 412.1 An8
- BAILEY, LIBERTY HYDE. The Standard Cyclopedia of Horticulture. 3 vols. N.Y., Macmillan Co., 1939. 90.01 B15S (For reference use in the Library)
- BENNETT, HUGH HAMMOND. Soil Conservation. 993 p. N.Y., McGraw-Hill, 1939. 56.7 B43S
- BRITTON, NATHANIEL LORD. An Illustrated Flora of the Northern United States, Canada and the British Possessions. 3 vols. N.Y., Scribner, 1913. 454 B77 Ed.2
- FASSETT, NORMAN CARTER. A Manual of Aquatic Plants. 382 p. N.Y., McGraw-Hill, 1940. 455.2 F26
- GABRIELSON, IRA NOEL. Wildlife Refuges. 257 p. N.Y., Macmillan, 1943. 412.9 G11W
- GRAHAM, EDWARD HARRISON. Legumes for Erosion Control and Wildlife. 153 p. Washington, Govt. Print. Off., 1941. (USDA Misc. Pub. No.412) 1 Ag84M
- GRAHAM, EDWARD HARRISON. Natural Principles of Land Use. 274 p. London, Oxford Univ. Press, 1944. 282 G76
- HITCHCOCK, A. S. Manual of the Grasses of the United States. 1040 p. Washington, Govt. Print. Off., 1935. (USDA Misc. Pub. No.200) 1 Ag84M
- JORDAN, DAVID STARR. American Food and Game Fishes. 574 p. Garden City, Doubleday, Page & Co., 1934. 414 J76A
- LEOPOLD, ALDO. Game Management. 481 p. N.Y., Scribner, 1933. 412 L55G
- LUTZ, FRANK EUGENE. Field Book of Insects of the United States and Canada. 510 p. N.Y., G. P. Putnam, 1935. 422 L97F Ed.3
- METCALF, CLELL LEE. Destructive and Useful Insects. 981 p. N.Y., McGraw-Hill, 1939. 423 M563 Ed.2
- MUENSCHER, WALTER CONRAD LEOPOLD. Woods. 579 p. N.Y., Macmillan, 1943. 79 M88
- NATIONAL GEOGRAPHIC SOCIETY. The Book of Birds; ed. by Gilbert Grosvenor and Alexander Wetmore. 2 vols. Washington, D. C., 1939.
- REHDER, ALFRED. Manual of Cultivated Trees and Shrubs hardy in North America. 396 p. N.Y., Macmillan, 1940. 452 R26 Ed.2

- SETON, ERNEST THOMPSON: Lives of game animals. 4 vols. in 8. New York, Doubleday, 1929. 412.1 Se7L
- VAN DERSAL, WILLIAM RICHARD. The American Land, its history and its uses. 215 p. N.Y. Oxford University press, 1943. 282.12 V28
- VAN DERSAL, WILLIAM RICHARD. Native woody plants of the U. S.; their erosion control and wildlife values. 302 p. Washington, Govt. Print. Off., 1938. (USDA Misc. Pub. no.303) 1 Ag84M
- WEAVER, JOHN ERNEST & CLEMENTS, FREDERIC E. Plant ecology. 601 p. N.Y., McGraw-Hill, 1938. 463.8 W37P Ed.2

SELECTED PAMPHLETS

AERIAL PHOTOGRAPHY

U. S. WAR DEPT. Aerial Photography. 111 p. 1944. (Technical Manual 5-240)

DDT

- COTTAM, CLARENCE & HIGGINS, ELMER. DDT: its effect on fish and wildlife. 14 p. 1946. (U.S. Fish & Wildlife Service Cir. 11) 156.2 C49
- FISHER, E. H. AND FLUKE, C. L. DDT: its present uses and limitations. 8 p. (Wisconsin. Extension Service. Special Circular) 275.29 W75S

FERTILIZERS

- McNEILL, JOHN H. comp. Fertilizer use and crop values. A list of references. 67 p. 1946: (USDA Library. Library List no. 27) 1.916 L612 no.27
- ROSS, WILLIAM H. and others. Preparation of ammonium nitrate for use as a fertilizer. 80 p. 1946. (USDA Technical Bul. 912) 1 Ag84Tc No.912

FOREIGN AGRICULTURE AND TRADE

- FARNSTORTH, H. C. Wheat growers and the tariff. 29 p. 1946. (Carnegie Endowment for International Peace. Agr. Ser. no. 4) 281.9 C21
- GULICK, ROBERT L. Imports - the gain from trade. 71 p. Committee on International Economic Policy, 1946.
- KEPNER, P. V. Agriculture in Alaska... USDA. Extension Service, 1945. 1.913 A2
- MEDICI, Giuseppe. Italian agriculture and its problems. Trans. by Eric B. Shearer. 34 p. Champaign, Ill., Bartlett Foundation. 1945. 281.176 M46
- HAINSTORTH, R. G. AND MOYER, R. T. Agricultural geography of the Philippine Islands. A graphic summary. 72 p. ... USDA. Office of Foreign Agricultural Relations, 1945. 1.943 Ag83
- USDA. OFFICE OF FOREIGN AGRICULTURAL RELATIONS. Agricultural production and trade by countries. 134 p. Washington, 1945. 1.943 Ag82
- USDA. OFFICE OF FOREIGN AGRICULTURAL RELATIONS. World food situation 1946. 179 p. Washington, 1946. 1.943 W893

JUTE

- PORTER, HORACE G. AND COOPER, MURICE R. Statistics on jute and jute manufactures with a brief survey of the industry. 116 p. USDA. Bureau of Agricultural Economics, 1945. 1.941 H2J98.

LESPEDEZA

- McKEE, ROLAND. Lespedeza culture and utilization. 14 p. (USDA. Farmers' Bul. no. 1852, rev.) 1 Ag84F no. 1852

PINE

- BRIEGLER, P. A. Calculating the growth of ponderosa pine forests. 60 p.
Portland, Oreg., U. S. Forest Service, 1945. 1.9622 P2C12
- STOATE, T. N. Pine establishment. A further report to Bulletin 53. Experiments with factors affecting the initial survival of cluster pine (*Pinus pinaster*) in Western Australian coastal plantations. Western Australia Forests Dept. Bul. no. 53A, 20 p. Perth, 1946. 99.45 St6 no.53A

PLACE NAMES

- STEGER, GERTRUDE A. Place names of Shasta county. 75 p. Redding, Calif., Redding Printing Co., c1945.

PLANT BREEDING

- IMPERIAL BUREAU OF PLANT BREEDING AND GENETICS. New and promising varieties recently described in the literature. 29 p. 6th issue. Cambridge, Eng School of Agriculture, May 1945. 64.9 Im72N

POISONOUS PLANTS

- HARLOW, WILLIAM M. Poisonivy and poisonsumac. 19 p. Syracuse, N. Y., New York State College of Forestry, 1945.

SOILS

- BELCHER, D. J., GREGG, L. E. and WOODS, K. B. The formation, distribution, and engineering characteristics of soils. 389 p. 1943. (Purdue Univ. Engin. Expt. Sta. Research Series no. 87) 290.9 P97E

SQUAB RAISING

- LEE, ALFRED R. and HAYNES, SHEPPARD K. Squab raising. 25 p. 1946. (USDA. Farmers' Bul. no. 684, rev.) 1 Ag84F no. 684 rev.

SUNRISE AND SUNSET

- U. S. NAVAL OBSERVATORY. Tables of sunrise, sunset, and twilight. 196 p. Washington, Govt. Print. Off., 1945. (Supplement to the American Ephemeris, 1946)

POULTRY DISEASES

- BUNYEA, HUBERT. Use of the rapid whole-blood test for pullorum disease. 19 p. Rev. ed. July 1946. (USDA Misc. Pub. 349 rev.) 1 Ag84M no.349 rev.

RUBBER PLANTS AND RUBBER ANALYSIS

- ARTSCHLAGER, ERNST. Contribution to the morphology and anatomy of *Cryptostegia* (*Cryptostegia grandiflora*). 40 p. 1946. (USDA Tech. Bul. no. 915) 1 Ag84Tc no. 915
- TRAUB, HAMILTON P. Rapid photometric methods for determining rubber and resins in guayule tissue and rubber in crude-rubber products. 37 p. 1946. (USDA Tech. Bul. no. 920) 1 Ag84Tc no. 920

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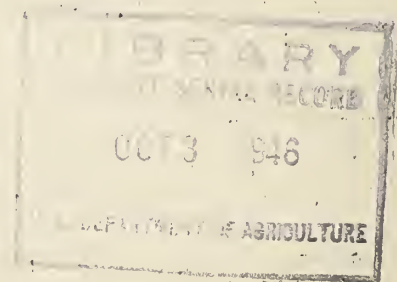
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Vol. 5, Nos. 9-10

September-October 1946

NEW BOOKS

APPLEBY, PAUL H. Big Democracy. 197 p. N.Y., Alfred A. Knopf, 1945.
280.12 Ap5

A former Under Secretary of Agriculture has written a strong defense for government bureaucracy in which he considers its functioning, organization, personnel, and especially its place in democracy. His analysis of administration and the many comparisons of management in private industry with that in government are enlightening. USDA employees will find the book stimulating reading.

THE COUNCIL OF STATE GOVERNMENTS. The Book of the States, 1945-1946. Chicago, 1945. 724 p.

The book provides an authoritative source of information on matters of state government and reports on the work of the Council of State Government and other agencies concerned with intergovernmental problems. Included are constitutions of the states, information on elections, rosters of state officials, and chapters on agriculture and conservation, public works, revenue and expenditures, health, welfare and education.

HEYEL, CARL. How to Create Job Enthusiasm. 248 p. N.Y., McGraw-Hill, 1942.
249.3 H51H

"Job enthusiasm will always be the brightest badge of a working citizen in a free society". Mr. Heyel tries to define this intangible quality in employees and elaborates on its manifestations and tells how to cultivate and nurture the attitude.

HAUSER, PHILIP M. & LEONARD, WILLIAM R., editors. Government Statistics for Business Use. 432 p. N.Y., Wiley, 1946. 252 H29

This is a very useful compendium or handbook of information about the many statistical services of the federal government. It "tells what information is available, the agencies from which it can be obtained, and ways in which it can be applied to business and economic problems." Fourteen chapters, each prepared by experts in different fields, deal with government statistics on income, manufacturing, minerals, agriculture, domestic trade, exports, imports, transportation, prices, population, housing, labor and others.

HUTCHINSON, CLAUDE B. ed. California Agriculture. Berkeley, University of California Press, 1946. 444 p. 30.9 H97

"This is a story of California agriculture from the days of the Spanish missions to the middle of the twentieth century. It depicts particularly the rise of agriculture in an arid and semiarid land through the aid of science and engineering skill....". The work of several authors, this compilation covers California's diversified crops, the result of her wide range of climate, and emphasizes the importance of scientific research in the building of this huge agricultural empire.

KALSEL, PALMER J. Practical Supervision. 186 p. N.Y., McGraw-Hill, 1945. 249.3 K12

Developed by engineering supervisors at the Glenn L. Martin Company, this book is nevertheless suited for all supervisors, be they shop or office. The humorous approach, brevity, and many pointed illustrations help to clarify the text. Chapters deal with such subjects as: How to lose workers and alienate bosses; Keeping others posted; Man to man; Do the best with what you have; Time economy and job planning.

LUSH, JAY LAURENCE. Animal Breeding Plans. 443 p. Ames, Iowa State College Press, 1945. 40 L972 Ed.3

"This book continues to serve as a blueprint for improvement of animals through breeding. It is conveniently organized for a logical presentation of the subject, beginning with the background of animal breeding and the genetic principles which form a basis for scientific animal breeding. Breeding plans based on selection, relationship, and somatic likeness occupy a majority of the pages. Other pertinent topics concerning breeding plans and relating to reproduction are included...." Science.

MICKEY, KARL B. Health From the Ground Up. Chicago, International Harvester Co., 1946. 125 p.

This booklet attempts to trace the relationship between the soil and human health. The author admits the relationship is still an hypothesis but thinks scientific study should be undertaken. This is a sequel to Man and the Soil which treats of soil conservation.

PEATTIE, RODERICK, ed. The Pacific Coast Ranges. 402 p. N.Y., Vanguard Press, 1946. 125 P323 (The American Mountain series)

Forest Service officers of Regions 5 and 6, who live and work in the national forests bordering the Pacific Ocean from Baja California northward to the Straits of Juan de Fuca, will find a treasure chest of unique information in the latest book of the American Mountain Series. Ten noted authors of the West, each in his or her inimitable style, have presented a fascinating story of the missions, people, forests, farms, flowers, wildlife, coast line, geology and climate of this great mountain wall of the continent against which the waves of the Pacific beat and lash. Exceptionally well written and with new and unusual photographs, this is a story which will hold your interest for many

hours and make you forget you have an "Attention" basket full of dry circular letters that must be read. But this volume has its shortcomings, too, from a forester's standpoint. Nowhere in the 402 pages is mention made of the fact that the Pacific Coast Ranges lie almost entirely within national forests that have been managed and protected by the Forest Service for nearly fifty years against such holocausts as the Tillamook fire so that others may enjoy the beauties they hold.

Review by W. I. Hutchinson, Forest Service

SHEPHERD, GLOFFREY S. Marketing Farm Products. 445 p. Ames, Iowa State College Press, 1946. 280.3 Sh4M

This is the second in a series of three books of which Agricultural Price Control, 1945, was the first. The writer analyzes the newer marketing developments and shows how consumers and producers can best profit from them. The three main parts of the volume are: 1. The Physical Production and Distributive Plant; 2. Meeting Fluctuations in Market Prices; 3. Reducing the Costs of Marketing.

TODOROFF, ALBERT. How to Build and Operate a Locker Plant. Rev. & enl. ed. 320 p. St. Louis, Mo., Meat Merchandising, 1946. 295 T56

The purpose of this book is well expressed in its dedication - "To all those who are eager to know more about the miracle method of food preservation - quick freezing - and who wish to make the advantages of a frozen food locker plant available to the people of their community".

VAN RENSBURG, C. J. J. & PALMER, E. M. New World to Win. 199 p. Bloemfontein, South Africa, White, 1946. 56.7 R29

American conservationists will be interested in this little book on soil conservation in South Africa. It was written in simple style and intended primarily for school children, but it has appeal for older readers also. It tells of the plant, animal, soil and water resources, of their sad destruction and how they may be utilized and yet improved at the same time.

WRIGHT, J. G. & BEALL, H. V. The Application of Meteorology to Forest Fire Protection. 23 p. Oxford, Imperial Forestry Bureau, 1945. (Technical Communication No. 4)

SELECTED PAMPHLETS

ACCIDENT PREVENTION

U. S. BUR. AGR. ECON. Analysis of 7,851 fatal farm-work accidents in the United States, 1940-43, by John D. Rush. 9 p. Washington, 1945. 1.941 H22An1

U. S. DEPT. AGR. SAFETY COUNCIL. Watch your step. Avoid farm accidents. 32 p. 1946. (USDA Misc. Pub. No. 608) 1 Ag84M No. 608

U. S. DEPT. LABOR. DIV. LABOR STANDARDS. Safety subject. 1944. (Pub. No. 67) 158.58 B87

CENTRAL VALLEY PROJECT

CALIFORNIA. WATER PROJECT AUTHORITY. Application of excess land provisions of federal reclamation law to Central Valley project. 46 p. 1945.

MONTGOMERY, MARY & CLAWSON, MARION. History of legislation and policy formation of the Central Valley project. Berkeley, BAE, 1946. 275 p.
1.941 L7H62

FARM LABOR

CALIF. UNIV. AGR. COL.EXT. Labor requirements for California crops - major seasonal operations - based on estimated acreages and production for 1944, by H. J. Lenhard. 14 p. Berkeley, 1945. 275.29 C126
U. S. BUR. AGR. ECON. Two years of farm wage stabilization in California, by William H. Metzler. 65 p. Berkeley, 1946.

FERTILIZERS

BACKMAN, JULES. The economics of the potash industry. 55 p. Washington, Amer. Potash Inst. 1946.
DOLBEAR, S. H. Potash reserves of the United States. Are agriculture and industry threatened by approaching exhaustion of domestic reserves? Washington, Amer. Potash Inst. 20 p. 1946.
TURRENTINE, J. W. Past consumption and future (1950) requirements of potash salts in American agriculture. Washington, Amer. Potash Inst., 1946

FIBERS

PROTZMAN, CECILLE M. Programs of foreign governments for fiber-flax production. 39 p. 1946. (U. S. Off. Foreign Agr. Relat. Foreign agriculture report No. 10) 1.943 F763
U. S. BUR. AGR. ECON. Statistics on jute and jute manufactures with a brief survey of the industry, by H. G. Porter & M. R. Cooper. 116 p. 1945.
1.941 H2J98

FOREST SERVICE. HISTORY

U. S. FOREST SERVICE. R-1. Early days in the Forest Service; comp. & ed. by Jessie Thompson. 200 p. Missoula, Mont. (1944?)

FORESTRY

BARR, P. M. Analysis of the northern California redwood region. Preliminary report prepared June 28, 1941. 39 p. Natl. Resources Planning Bd., 1942.
BICKERSTAFF, A. Effect of thinning and pruning upon the form of red pine. 26 p. Ottawa, 1946. (Canada. Silvicultural research notes) 99.9 C16Sr No. 81
LIMING, F. G. Response of planted shortleaf pine to overhead release. 20 p. Columbus, Ohio, 1946. (Central states forest experiment station. Tech. Paper No. 105) 1.9622 C37222
MULLOY, G. A. Thinning red pine, Rockland, Ontario. 29 p. Ottawa, 1946. (Canada. Silvicultural research note No. 79) 99.9 C16Sr No. 79
ZAZADA, Z. A. & KLUENDER, T. A. The future of aspen in the Lake states. 11 p. St. Paul, 1946. (Lake states forest experiment station. Economic Note No. 21) 1.9 F76 L14E No. 21

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GUAYULE

- BERGNER, A. D. Polyploidy and aneuploidy in guayule. 36 p. 1946. (USDA Tech. bul. No. 918) 1 Ag84Te No. 918
- CAMPBELL, W. A. & TRESLEY, J. T. Diseases of cultivated guayule and their control. 42 p. 1946. (USDA Cir. No. 749) 1 Ag84C No. 749
- FEDERER, W. T. Variability of certain seed, seedling, and young-plant characters of guayule. 25 p. (USDA Tech. bul. No. 919) 1 Ag84Te No. 919

HORSEMANSHIP

- U. S. FOREST SERVICE. REGION 1. Horsemanship; comp. by Clyde D. Blacke. 18 p. Missoula, Mont., (1945?)

INSECT PESTS & THEIR CONTROL

- BACK, E. A. House ants. 8 p. (USDA Leaflet No. 147) 1 Ag84L No. 147
- LATTA, RANDALL & OTHERS. Methyl bromide as a delousing agent. 40 p. 1946. (USDA Cir. No. 745) 1 Ag84C No. 745
- SMITH, C. N. & OTHERS. Biology and control of the American dog tick. 74 p. 1946. (USDA Tech. bul. No. 905) 1 Ag84Te No. 905
- U. S. BUR. ENT. & PLANT QUARN. DDT and other insecticides and repellents developed for the armed forces. 71 p. 1946. (USDA Misc. Pub. No. 606) 1 Ag84M No. 606
- WHITE, W. H. & DOOLITTLE, S. P. A vegetable gardener's handbook on insects and diseases. 30 p. 1946. (USDA Misc. Pub. No. 605) 1 Ag84M No. 605

LIVESTOCK. FEEDING

- ATKINSON, L. J. & KLEIN, J. V. Feed consumption and the production of pork and lard. 21 p. 1946. (USDA Tech. bul. No. 917) 1 Ag84Te No. 917
- U. S. BUR. AGR. ECON. Concentrate rations fed to milk cows in 1945. 22 p. 1946.
- U. S. BUR. AGR. ECON. The deficit in protein for livestock; a quantitative estimate of needs based on feeding standards, by R. D. Jennings. 28 p. 1946. 1.941 A2D36
- U. S. BUR. AGR. ECON. Food consumed by livestock, 1941-42, by states, by R. D. Jennings. 108 p. 1946. 1.941 H2L753
- U. S. BUR. AGR. ECON. Rations fed to milk cows, by John L. Wilson. 67 p. 1945. 1.941 H2F323

MUSHROOMS

- CHAPLES, V. K. Some common mushrooms and how to know them. 60 p. rev. 1946. (USDA Cir. No. 143) 1 Ag84C No. 143

RECREATION

- MONTEREY COUNTY PLANNING COMMISSION, SALINAS, CALIF. Park and recreation plan. 43 p. Salinas, Calif., 1944.
- U. S. FEDERAL SECURITY AGENCY. OFFICE OF COMMUNITY WAR SERVICES. Recreation - a national economic asset. 23 p. 1945.
- U. S. NATIONAL PARK SERVICE. Recreational resources of the Denison Dam and reservoir project, Texas and Oklahoma. 98 p. 1943.

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